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Jameco Part Number 207407

SURFBOARDS®

CAPITAL ADVANCED TECHNOLOGIES INC.™

THE BREADBOARDING MEDIUM FOR ***SURFACE MOUNT*** *SM*

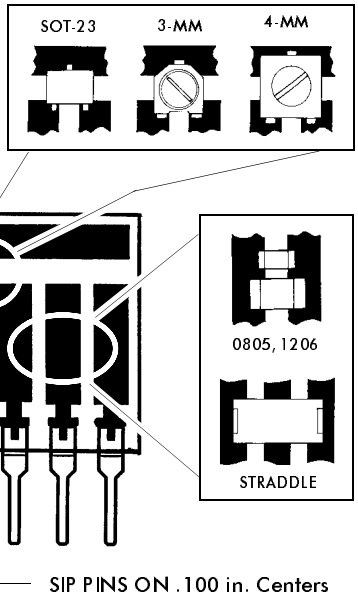
LDS6000A 3-9-99

6000 SERIES FOR DISCRETE COMPONENTS

MODELS 6004, 6006, 6007, 6008, 6010, 6012

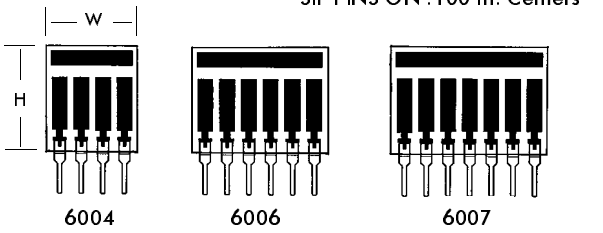
BASIC DESIGN FITS MANY APPLICATIONS

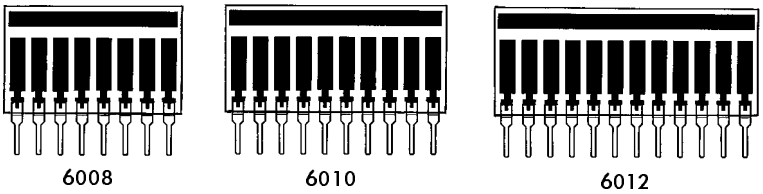
Build simple networks and arrays to functional circuit elements. Horizontal and vertical circuit foils create universal pads that can accept a wide range of two and three terminal surface mount devices.
SOT-23 Transistor and Diode packages as well as 3mm and 4mm trimmers can be mounted. 0805, 1206, A size tantalums, Mini-Melf, and other 2 terminal devices can be mounted. Circuit Foil modifications (see right) enhance circuit layout options. Single-In-Line (SIP) pins on .100 in. centers provide compatibility with standard and solderless breadboards and sockets.



STANDARD MODELS

SEE TABLE





CUSTOM VARIATIONS AVAILABLE ON A SPECIAL ORDER BASIS

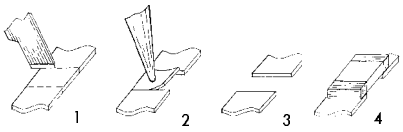
STANDARD MODEL SPECIFICATIONS

MODEL	W (in.)	H (in.)	NO. PINS
6004	.400	.500	4
6006	.600	.500	6
6007	.700	.500	7
6008	.800	.500	8
6010	1.0	.500	10
6012	1.20	.500	12

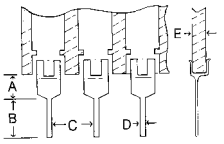
FOIL MODIFICATIONS EXPAND VERSATILITY

Typical of many Surfboards are large pad areas which which may be modified to create additional part mounting zones or expand layout options.

1: Score foil with sharp razor to define new zone.
2: Apply heat with iron to delaminate foil section.
3: New mounting zone has been created.
4: Solder component to new mounting zone.



PIN SPECIFICATIONS / TOLERANCES



In Inches

A = .062 +- .006
B = .130 +- .010
C = .100 +- .005
D = .020 +- .004
E = .031 +-.005

BOARD SPECIFICATIONS

BOARD MATERIAL: .031+-.005 In. Thick FR-4 Glass Epoxy or equivalent.
CIRCUITS: 1 Oz. Copper with solder coated pads.
TOLERANCES: Given in inches
Board Size +- .020 / OAL+-.040
Circuit pattern/position +-.005